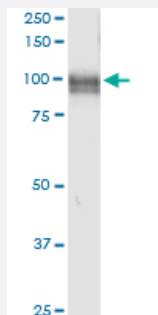


MME (Human) IP-WB Antibody Pair

Catalog # H00004311-PW1

Size 1 Set

Applications



Immunoprecipitation of MME transfected lysate using rabbit polyclonal anti-MME and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with mouse purified polyclonal anti-MME.

Specification

Product Description	This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.
Reactivity	Human
Quality Control Testing	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of MME transfected lysate using rabbit polyclonal anti-MME and Protein A Magnetic Bead (U0007), and immunoblotted with mouse purified polyclonal anti-MME.
Supplied Product	Antibody pair set content: 1. Antibody pair for IP: rabbit polyclonal anti-MME (300 ul) 2. Antibody pair for WB: mouse purified polyclonal anti-MME (50 ug)
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- Immunoprecipitation-Western Blot

[Protocol Download](#)

Gene Info — MME

Entrez GeneID [4311](#)

Gene Name MME

Gene Alias CALLA, CD10, DKFZp686O16152, MGC126681, MGC126707, NEP

Gene Description membrane metallo-endopeptidase

Omim ID [120520](#)

Gene Ontology [Hyperlink](#)

Gene Summary

This gene encodes a common acute lymphocytic leukemia antigen that is an important cell surface marker in the diagnosis of human acute lymphocytic leukemia (ALL). This protein is present on leukemic cells of pre-B phenotype, which represent 85% of cases of ALL. This protein is not restricted to leukemic cells, however, and is found on a variety of normal tissues. It is a glycoprotein that is particularly abundant in kidney, where it is present on the brush border of proximal tubules and on glomerular epithelium. The protein is a neutral endopeptidase that cleaves peptides at the amino side of hydrophobic residues and inactivates several peptide hormones including glucagon, enkephalins, substance P, neurotensin, oxytocin, and bradykinin. This gene, which encodes a 100-kD type II transmembrane glycoprotein, exists in a single copy of greater than 45 kb. The 5' untranslated region of this gene is alternatively spliced, resulting in four separate mRNA transcripts. The coding region is not affected by alternative splicing. [provided by RefSeq]

Other Designations

atriopeptidase|common acute lymphocytic leukemia antigen|enkephalinase|membrane metallo-endopeptidase (neutral endopeptidase, enkephalinase)|membrane metallo-endopeptidase (neutral endopeptidase, enkephalinase, CALLA, CD10)|membrane metallo-endopeptidase

Pathway

- [Hematopoietic cell lineage](#)
- [Renin-angiotensin system](#)

Disease

- [Alzheimer disease](#)
- [Anorexia Nervosa](#)
- [Atherosclerosis](#)
- [Brain Injuries](#)
- [Bulimia](#)

- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Coronary Artery Disease](#)
- [Diabetes Complications](#)
- [Genetic Predisposition to Disease](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Osteoporosis](#)